

SPEAKERS

Robert F. Casalou

Robert F. Casalou is the President & CEO of St. Joseph Mercy Hospitals, overseeing locations in Ann Arbor, Saline & Howell, Michigan since October, 2008. Prior to joining Trinity Health Systems, Mr. Casalou served as President of Providence Park Hospital which is a 200-bed facility in the St. John Health System. Mr. Casalou is involved with a number of professional organizations including the American College of Healthcare Executives, Michigan Healthcare Executives Group & Associates, American Heart Association, Michigan Health & Hospital Association and the Alzheimer's Association. Mr. Casalou earned a Bachelor of Science degree in Economics and Master of Science degrees in Business Administration and Health Services Management & Policy from the University of Michigan.

Tim Fishking, AIA

Tim Fishking, AIA, is a Principal with international design firm NBBJ. In his more than 23 years of focusing on healthcare architecture, he has had an integral role in several of the firm's most significant and celebrated projects. Mr. Fishking's noted domestic healthcare campus work includes Celebration Health in Orlando, Florida; Woodwinds Health Campus in Minneapolis, Minnesota; and St. John Providence Park in Novi, Michigan. Internationally, he can be credited for leading the design team of the National Taiwan University Children's Hospital and two of the first western style medical facilities in Russia, Krylatsky Hills Medical Center and the GUTA Clinic Hospital, both in Moscow. Most recently Mr. Fishking has been focused on advancing the relationships between Building Information Modeling, Integrated Delivery, and prefabrication opportunities in the healthcare design industry.

Jack Luck, Ph.D.

Jack Luck, Ph.D. is the director of Sg2 and an Associate Professor of Health Services at UCLA. Mr. Luck is a member of the Strategy Team at Sg2, focusing on information systems and quality improvement. He also leads the "Tomorrow Hospital Forum" that identifies crucial infrastructure elements, information systems and process design needed to support tomorrow's systems of care. Mr. Luck continues to teach health care management strategy in UCLA's Executive MPH program.

Aiman A. Abdrabou, CSSBB, CEM

Aiman A. Abdrabou, CSSBB, CEM, is an Energy Manager with DTE Energy. He is a Certified Energy Manager from the Association of Energy Engineers and a Certified Six Sigma Black Belt from the American Society of Quality. He is also an adjunct faculty member at Wayne State University, Industrial Engineering Dept. Mr. Abdrabou has a Master's Degree in Manufacturing Engineering & Engineering Management. He is currently working on his Ph.D. dissertation concerning the Impact of Plug-in Hybrid Electric Vehicles' penetration developing a smart grid structure.

Paul J. Dobry, CEM

Paul J. Dobry, CEM, is a Utility Management Specialist for the Facilities & Engineering Department of St. Joseph Mercy Health System. He has been in the Energy Management field for over 23 years and is a Certified Energy Manager by the Association of Energy Engineers. Paul has worked in both consulting engineering and performance contracting roles conducting numerous energy assessments, managing implementation of facility improvement measures, measuring and verifying resulting savings. Mr. Dobry has acted as an Energy Manager in large healthcare institutions for over 10 years.

Tom Tocco

Tom Tocco is the Director for Facilities, Engineering, & Construction for St. Joseph Mercy Health System, a position he has held for the last 5 years. Mr. Tocco's educational background includes Construction Management and Business Administration. Mr. Tocco is the budgetary collaboration leader for Support Services that encompasses over 400 FTE's.

Richard M. Satava, M.D., FACS

Richard M. Satava, M.D., FACS, is Professor of Surgery at the University of Washington Medical Center and Senior Science Advisor at the US Army Medical Research and Materiel Command in Ft. Detrick, MD. Dr. Satava has been an active flight surgeon, an Army astronaut candidate, a MASH surgeon, and a hospital commander during Desert Storm. He aggressively pursues the leading edge of advanced technologies to formulate the architecture for the next generation of medicine.

Kirk Lively

Kirk Lively has been involved in the property restoration business since 1990 and is currently the Director of Technical Services for BELFOR, USA. Technical services under his direction include document drying and recovery, electronics and machinery decontamination, structural dehumidification, data recovery and mold remediation. Mr. Lively is a contributing author of the 2002 BELFOR Mold Remediation Guidelines and the IIRC S520 Standard & Reference Guide for Professional Mold Remediation. He received his Bachelor of Science degree in Mechanical Engineering from the University of Texas at Austin.

Kenric Van Wyk, PE, AIA, PA

Kenric Van Wyk, PE, AIA, PA, is President of Acoustics By Design and an independent engineering consultant in acoustics, noise, and vibration. He has a Master of Science in Engineering degree in Acoustics from Purdue University. The privacy of patient medical information is a critical issue and he is a member of the Working Group for Speech Privacy & Healthcare Acoustics. Kenric and his firm are involved in numerous healthcare facility design projects, and he is a frequent speaker on the topic.

Robert M. Dickler

Robert M. Dickler is the Chief Health Care Officer for Health Care Affairs at the Association of American Medical Colleges. Mr. Dickler oversees the association's activities between health care delivery systems and academic medicine. Mr. Dickler received a Master's Degree and pursued doctoral studies in Healthcare Administration at the University of Minnesota Hospital and Clinic. His past positions include committee chairs of the Accreditation Council for Graduate Medical Education and the Metropolitan Hospital Section of the American Hospital Association.

Michael Kastner

Michael Kastner is the Director of Building Services & Construction Management at Lakeland Healthcare. Mr. Kastner's background includes service in the U.S. Navy as a Hospital Corpsman, Director of Purchasing and Central Services for hospital systems and his current position at Lakeland Healthcare, where he has guided the system through master planning at multiple sites in the healthcare system.

Monte Hoover, AIA, ACHA

Monte Hoover, AIA, ACHA is the Executive Director & Chairman of BSA LifeStructures. Mr. Hoover has over 30 years experience in planning & designing medical facilities. He is an advocate of evidenced-based design that uses data to link the relationship between facilities & operations to improve outcomes. Mr. Hoover is certified by the National Council of Architectural Registration Boards and the American College of Healthcare Architects.

Gary D. Slack, P.E

Gary D. Slack, P.E., is President of Healthcare Engineering Consultants. Mr. Slack has over 30 years of experience in the healthcare field including teaching, research, clinical engineering and technology and regulatory management. He has conducted on-site consultations & seminar programs for the Public Health Service, Department of Veteran's Affairs & all branches of the military. He has developed educational programs for the American Society for Healthcare Engineering and other regional, state, & national Hospital Organizations. He has published numerous articles and books on "Environment of Care" related topics. Mr. Slack received his Bachelor of Science & Master of Science degrees in electrical/biomedical engineering from Ohio State University. He is also a Certified Clinical Engineer and a Certified Health Safety Professional at the Executive Level.

Larry Horvath

Larry Horvath is the Manager of the Certificate of Need Program Review Section at Michigan Department of Community Health. He spent approximately four years in the Policy and Legal Affairs Administration at MDCH working with local health departments and communities prior to his current position. Mr. Horvath also has over 10 years of service with a local health department.

42ND ANNUAL

Michigan Department
of Community Health

and

AIA Michigan

Invite you to attend



Thursday, April 2
and
Friday, April 3, 2009

Amway Grand Plaza Hotel
187 Monroe Avenue NW
Grand Rapids, Michigan 49503
616.774.2000
www.amwaygrand.com

PURPOSE

The Health Facilities Planning Seminar is held each year to provide Architects, Engineers, Health Care Executives and other interested professionals with the latest available information which will assist them in planning, designing, constructing and maintaining health facilities.

WHO SHOULD ATTEND

The seminar is ideal for all who are concerned with the implications of evolving healthcare technology upon facilities as they plan, design, construct, administer or maintain.

GENERAL INFORMATION

Continuing Education -11 hours for AIA/CES (Continuing Education System) for AIA members, the majority of hours will be related to Health/Safety/Welfare. Include AIA membership numbers with registration.

REGISTRATIONS

Please make reservations at the earliest possible date, as the enrollment will be limited. The registration fee is \$275.00 for each person either for full or part-time. FEE IS \$325.00 IF PAYMENT IS RECEIVED AFTER MARCH 2, 2009. No registration fee refunds after that date. A \$25.00 handling fee will be applied for all refunds.

All arrangements for lodging should be made by the individuals attending. The Hotel is the Amway Grand in Grand Rapids and the rate is \$133.00 plus taxes. Please be sure to state you are with AIA Michigan Health Facilities Conference, April 1-3, 2009. Your registration fee includes Continental Breakfast and Lunch for April 2 and 3 plus a reception on April 2 sponsored by Nurture by Steelcase.

Amway Grand Plaza Hotel
187 Monroe Avenue NW
Grand Rapids, Michigan 49503
616.774.2000
800.253.3590 (reservations only)

Thursday, April 2, 2009

Morning Session

7:30 am Continental Breakfast

Moderator.....Jeff McManus, PE, MDCH

8:15 am Welcome.....AIA/HFES

8:30 am **Master Planning-Medical Village: Healthcare as a Destination** - *Robert Casalou & Tim Fishking, AIA*

- Establish the Enterprise Needs
- Set the Vision
- Design the Process
- Create Champions for the Vision
- Keep Your Eyes on the Prize

9:30 am **Technology Impact on Healthcare Facilities Design** - *Jack Luck, Ph.D.*

- Health Policy & Market Factors Shaping Technology Adoption
- Diagnostics: Personalized, Globalized
- Therapeutics: Less Invasive, More Targeted, More Expensive
- Inpatient Care: Sicker Patients, Faster Discharge
- Ambulatory Care: Broader Choice, Higher Tech

10:30 am Break

10:45 am **Energy Efficiency for Healthcare: Concept & Case Study** - *Aiman A. Abdrabou, CSSBB, CEM; Paul J. Dobry, CEM; Tom Tocco*

- Rising Energy Costs
- Energy Efficiency & Green Concepts
- Energy Management in Healthcare

11:45 am Lunch

Thursday, April 2, 2009

Afternoon Session

Moderator.....Pier-George Zaroni, PE, MDCH

1:00 pm **Impact of Advanced Technology on the Hospital of the Future** - *Richard M. Satava, MD, FACS*

- Revolutionary Changes in Science
- Review New Diagnostic, Therapeutic and Educational Devices
- Robots, Virtual Reality and Simulation
- Moral and Ethical Questions

2:30 pm Break

2:45 pm **Keys to Disaster Preparedness & Recovery** - *Kirk Lively*

- Preplanning
- Post-Incident Immediate Response Activities
- Establish the Scope of Services Required
- Prepare Pricing Estimate
- Perform All Recovery Activities
- Hospital Recovery Case Study

3:45 pm **The Perfect Storm: Why Acoustics Suddenly Matter in Healthare Desgin** - *Kenric D. VanWyk, P.E.*

- Overview of the New AIA Interim Sound & Vibration Guidelines
- LEED for Healthcare: Opportunities & Challenges
- Press Ganey Acoustical Scores
- Acoustical Case Studies in Michigan Hospitals

5:30 pm Steelcase University: Tour/Reception



Friday, April 3, 2009

Morning Session

7:30 am Continental Breakfast

Moderator.....Riyadh Almuktar, MDCH

8:30 am **Looking Forward to Look Back: Reflections on the Future Health Care System** - *Robert M. Dickler*

- Potential Future Health System Driven by Reform
- Factors That Will Shape These Changes
- Facilities Planning Implications

9:30 am **Metrics for Success: Using an Evidenced-Based Design Approach for a Patient Pavilion** - *Mike Kastner & Monte Hoover, AIA, ACHA*

- Overview of the Project & Project Needs
- Project Design Principles
- Evidence Based Design
- Project Delivery
- Post Occupancy Evaluation
- Lakeland's Success with the Community

10:30 am Break

10:45 am **Meeting the Joint Commission's 2009 Requirements for Healthcare Facilities: What's New?** - *Gary D. Slack, P.E., CCE*

- What's New for Medical Gas, Electrical, & HVAC Systems
- What's "Hot" for 2009
- Other Regulators? (CMS, DOH, DNV, OSHA, EPA, etc.)

11:45 am Box Lunches/Working Lunch

Afternoon Session

Moderator.....Jay Calewarts, MDCH

12:00 pm **State Regulatory Update**

- Bureau of Health Systems - *TBA*
- Certificate of Need - *Larry Horvath*
- Bureau of Fire Services - *TBA*

2:00 pm Adjourn/Evaluations